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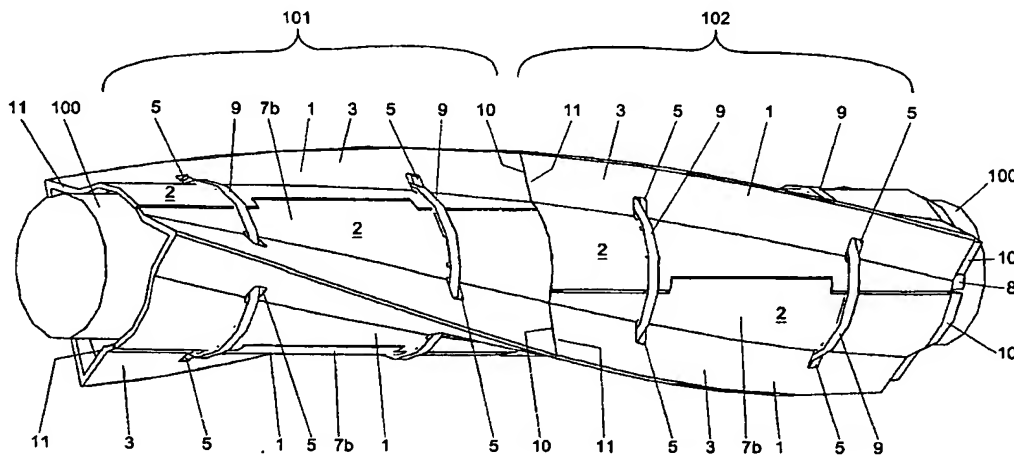
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**(54) Title:** SUPPRESSION ELEMENT FOR VORTEX-INDUCED VIBRATIONS, CONSTRUCTION KIT, APPARATUS FOR EXTRACTING MINERALS, AND MOLD



**(57) Abstract:** A suppression element (1) for vortex vibrations, comprising an envelope (2) for at least partly enveloping a tubular element (100); at least one projection (3) pointing away from the envelope. The envelope is modular to form with similar suppression elements a tube (101,102), which, in operation, at least partly, envelops a tubular element (100). Also, a construction kit for a suppression system and a suppression system for vortex vibrations with at least two suppression element (1), which together form a tube, which in operation, at least partly envelops a tubular element (100), as well as an apparatus for extracting minerals with a pipeline enveloped by a suppression system are disclosed.

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## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 E21B17/01 F15D1/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B F15D F16L B63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 401 646 B1 (EDFELDT MICHAEL P ET AL) 11 June 2002 (2002-06-11) column 1, line 10-53 column 4, line 25 -column 5, line 44; figures 1,3-5	1-3,11, 12,23-28
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Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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